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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/903,684 | 07/13/2001 | Seiji Kageyama | NGB.060 | 4296 |

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EXAMINER

LAMB, TWYLER MARIE

ART UNIT PAPER NUMBER

2622

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/903,684

Applicant(s)

KAGEYAMA ET AL.

Examiner

Twyler M. Lamb

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1, 3-5, 8, 18, 19 and 20 rejected under 35 U.S.C. 102(e) as being anticipated by Shima (US 6,867,874).

With regard to claims 1, 19 and 20, Shima discloses a print system (Figure 1) comprising a computer (computer 2) and a printer (printer 1) connected directly or indirectly vi a network (LAN, network 3) to said computer, said printer comprising an archive (cache 25) for storing documents prepared by said computer (col 3, lines 50-

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56); and a page/document layout section (analyzer 24) for performing page/document layout processing for each stored document and outputs document data undergoing page/document layout, provided by the page/document layout section (col 3, line 66 – col 4, line 7).

With regard to claim 3, Shima discloses wherein said page/document layout section performs 1 up layout for each stored document (col 7, lines 1-8).

With regard to claims 4 and 5, Shima discloses wherein at least one of said stored documents comprises a page description language document (col 4, lines 2-11).

With regard to claim 8, Shima discloses wherein said page/document layout section converts said page description language document into an immediate print format (col 4, lines 2-11).

With regard to claim 18, Shima discloses wherein the printer further comprises a file transfer receiver that receives a document from said computer; and a storage holder that stores said document received from said file transfer receiver (col 3, lines 2-60).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2, 6-7 and 9-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shima (US 6,867,874 in view of Kato et al. (Kato) (US 6,631,495).

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With regard to claim 2, Shima does not expressly teach wherein a user selects and specifies print, storage, or print and storage from said computer as an output destination of the document data undergoing the page/document layout and said printer executes print, storage, or print and storage as specified by the user.

Kato discloses document retrieval system wherein a user selects and specifies print, storage, or print and storage from said computer as an output destination of the document data undergoing the page/document layout and said printer executes print, storage, or print and storage as specified by the user (col 9, lines 12-43).

Shima & Kato are combinable because they are from the document retrieval and printing field.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Shima with the capability of a user selecting and specifies print, storage, or print and storage from said computer as an output destination of the document data undergoing the page/document layout and said printer executes print, storage, or print and storage as specified by the user as taught by Kato.

The suggestion/motivation for doing so would have been allow the user the capability to select a document from storage and print it or to assign it a storage location as taught by Kato in col 9, lines 12-43.

Therefore, it would have been obvious to combine Shima with Kato to obtain the invention as specified in claim 2 of the current application.

With regard to claims 9 and 10, Shima does not expressly teach wherein said printer further comprises an archive management service section that accepts and

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processes requests for at least one of the registration, storage, print, storage and print and retrieve.

Kato discloses document retrieval system wherein said printer further comprises an archive management service section that accepts and processes requests for at least one of the registration, storage, print, storage and print and retrieve (col 9, lines 12-43).

Shima & Kato are combinable because they are from the document retrieval and printing field.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Shima with the capability of wherein said printer further comprises an archive management service section that accepts and processes requests for at least one of the registration, storage, print, storage and print and retrieve as taught by Kato.

The suggestion/motivation for doing so would have been allow the user the capability to select a document from storage and print it or to assign it a storage location as taught by Kato in col 9, lines 12-43.

Therefore, it would have been obvious to combine Shima with Kato to obtain the invention as specified in claims 9 and 10 of the current application.

With regard to claim 16, Shima does not expressly teach wherein said printer further comprises a document format converter that converts a stored document into a display/edit format.

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Kato discloses document retrieval system wherein said printer further comprises a document format converter that converts a stored document into a display/edit format (col 9, lines 38-43).

Shima & Kato are combinable because they are from the document retrieval and printing field.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Shima with wherein said printer further comprises a document format converter that converts a stored document into a display/edit format as taught by Kato.

The suggestion/motivation for doing so would have been allow the user the capability to select a document from storage and print it or to assign it a storage location as taught by Kato in col 9, lines 12-43.

Therefore, it would have been obvious to combine Shima with Kato to obtain the invention as specified in claim 16 of the current application.

With regard to claims 6-7, 11-15 and 17, Shima does not expressly teach wherein said document format converter comprises a page description language format converter that converts a stored document into a display/edit format; and an image format converter that decompresses a document into a dot image format.

Kato discloses document retrieval system wherein said document format converter comprises a page description language format converter that converts a stored document into a display/edit format; and an image format converter that decompresses a document into a dot image format (col 8, lines 42-57).

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Shima & Kato are combinable because they are from the document retrieval and printing field.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Shima with wherein said document format converter comprises a page description language format converter that converts a stored document into a display/edit format; and an image format converter that decompresses a document into a dot image format as taught by Kato.

The suggestion/motivation for doing so would have been allow the user the capability to select a document from storage, edit and print it or to assign it a storage location as taught by Kato in col 8, lines 42-57.

Therefore, it would have been obvious to combine Shima with Kato to obtain the invention as specified in claims 6-7 and 17 of the current application.

Response to Arguments

6. Applicant's arguments with respect to claims 1 and 2 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

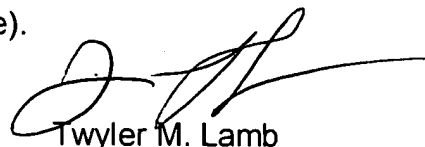
7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Twyler M. Lamb whose telephone number is 571-272-7406. The examiner can normally be reached on Mon, Tues and Thurs 6:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Twyler M. Lamb

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Primary Examiner
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